

1/9/1

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Polyester-urethane(s) contg. ionic gps. - form pseudo-latexes useful in cosmetic compsns.

Patent Assignee: L'OREAL SA (OREA )

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Number of Countries: 018 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
<b>EP 637600</b>	A1	19950208	EP 94401808	A	19940804	B	199510 B
FR 2708615	A1	19950210	FR 939608	A	19930804	B	199512
CA 2129387	A	19950205	CA 2129387	A	19940803	B	199518
JP 7149866	A	19950613	JP 94183441	A	19940804	B	199532
EP 637600	B1	19970409	EP 94401808	A	19940804	B	199719
DE 69402485	E	19970515	DE 602485	A	19940804	B	199725
			EP 94401808	A	19940804		
ES 2102164	T3	19970716	EP 94401808	A	19940804	B	199735

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Cited Patents: EP 76956; FR 1457975; US 3975350

Patent Details:

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DE 69402485 E Based on EP 637600

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Abstract (Basic): EP 637600 A

Polyester-urethanes contg. units of formula -  
-O-R2-O-(-  
C(O)-R

Abstract (Equivalent): EP 637600 B

Polyester polyurethane, characterised in that it contains units corresponding to the following formulae -(OR2O(COR1COR2O)nCONHRNHCO)-

(I) and -(OAOCONHRNHCO)- (II), in which R represents an alkylene or cycloalkylene radical or a bivalent aromatic radical having from 6 to 15 carbon atoms, n represents an integer such that the molecular weight of the recurring unit is between 400 and 5000, R1 represents a bivalent radical chosen from the group consisting of: (i) -(CH<sub>2</sub>)<sub>m</sub>, m being an integer between 2 and 12, and (ii) a gp. of formula (ii), the movable bond being in the ortho, meta or para position, R2 represents a bivalent radical chosen from the group consisting of formulae (a), (b) and (c), R3 representing an hydrogen atom or a branched alkyl radical having from 1 to 3 carbon atoms, R4 representing an hydrogen atom or a linear or branched alkyl radical having from 1 to 4 carbon atoms, R5 representing a linear or branched alkyl radical having from 1 to 4 carbon atoms, and p being 0 or 1, R is as defined above for the units of formula (I), A represents an alkylene radical having from 2 to 20 carbon atoms, substituted with a carboxylic or sulphonic acid function, in salified or unsalified form, or interrupted by a tertiary nitrogen atom, the mole ratio between the units (II) and (I) being between 1 and 10, and preferably between 1 and 5.

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Title Terms: POLYESTER; URETHANE; CONTAIN; ION; GROUP; FORM; PSEUDO; LATEX;

USEFUL; COSMETIC; COMPOSITION

Derwent Class: A25; A96; D21

International Patent Class (Main): C08G-018/08; C08G-018/42; C08G-018/66; C08G-018/83

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File Segment: CPI

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Polymer Indexing (PS):

<01>

\*001\* 017; G1854-R G1843 D01 F73 D11 D10 D13-R D18-R D88 D89 D90 D91 D92 D93; R01455 G1854 G1843 D01 D11 D10 D50 D88 F73; R00735 G1887 G1854 G1843 D01 D11 D10 D19 D18 D32 D50 D93 F73; R01392 G1912 G1854 G1843 D01 D11 D10 D19 D18 D31 D50 D89 F73; R00574 G1912 G1854 G1843 D01 D11 D10 D19 D18 D31 D50 D89 F73; R12045 G1901 G1854 G1843 D01 D20 D18 D32 D50 D92 F73; R17132 G1854 G1843 D01 D11 D10 D14 D13 D32 D50 D93 F73; R01624 G1854 G1843 D01 D11 D10 D14 D13 D31 D50 D92 F73; D01 D11 D10 D14 D13 D19 D18 D31 D32 D33 D50 D63 D88 D89 D90 D91 D92 D93 D94 D95 F41; R01075 G1025 G0997 D01 D11 D10 D50 D85 F28 F26; R01002 G1456 G1445 D01 D11 D10 D19 D18 D31 D50 D63 D90 F41 E00 E21; G1069 G1025 G0997 D01 F28 F26 D11 D10 D50 D60 F36 F35 F62 D61-R F08 F07 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D83; G1876 G1854 G1843 D01 D19 D18 D31 D50 D88 F73; G2153-R D01 F07 D11 D10

D13-R D18-R D50 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92; R01131  
G2153 D01 D11 D10 D50 D82 F08 F07 F27 F26; G1672-R G1649 D01 F09  
F07 D11 D10 D13-R D18-R D50 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91  
D92 G1796 G1672; G1467 G1456 G1445 D01 D63 F41 E00 E17 D11 D10 D50  
D92; H0033 H0011; P0931-R P1592 P0839 H0260 H0011 H0044 F41 F77 D01  
D63; P1616 P1592 F77 D01 N- 5A; P1638 P1592 F77 D01; L9999 L2528  
L2506; L9999 L2824; K9723; H0260; P0839-R F41 D01 D63; P1592-R F77  
D01; P1581 P1570 P1592 H0260 F77 F78 D01; P1570-R F78 D01; L9999  
L2028; L9999 L2664 L2506; S9999 S1025 S1014; M9999 M2415; M9999  
M2700; K9621-R

\*002\* 017; P1445-R F81 Si 4A

\*003\* 017; P0000; K9632 K9621

\*004\* 017; ND01; ND04; B9999 B5094 B4977 B4740; B9999 B3532 B3372; B9999  
B5209 B5185 B4740; Q9999 Q9165-R; Q9999 Q9176 Q9165; B9999 B4411  
B4400 B4240; B9999 B4091-R B3838 B3747; B9999 B4659 B4568; B9999  
B4706-R B4568

\*005\* 017; D01 D11 D10 D50 D84 F08 F07 F27 F26 F28 F29 D89; R01514 D00  
D67 F21 H- O- 6A Na 1A; R01512 D00 D67 F21 H- K- 1A O- 6A; R01713  
D00 H- N- 5A; R00743 G2153 D01 D11 D10 D50 D86 F08 F07 F29 F26;  
R01131 G2153 D01 D11 D10 D50 D82 F08 F07 F27 F26; R00929 G2153 D01  
D11 D10 D50 D84 F08 F07 F28 F26; R01704 D00 D60 H- CI 7A; R00009  
G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35; R00448 G2108 D01 D11  
D10 D50 D60 D82 F27 F26 F36 F35; D01 D11 D10 D50 D89 F08 F07 F29  
F26; D01 D11 D10 D50 D60 D86 F09 F07 F36 F35; D01 D11 D10 D19 D18  
D31 D50 D60 D88 F27 F26 F36 F35 O- 6A; H0226

\*006\* 017; R00415 D01 D11 D10 D50 D61 D68 D95 Sn 4A; R05350 D01 D11 D10  
D50 D61 D93 F36 F35 Sn 4A; C999 C102 C000; C999 C306

\*007\* 017; R00272 G1525 D01 D11 D10 D50 D83 F23; R00437 G1525 D01 D11 D10  
D50 D84 F23; R00895 G1592 D01 D23 D22 D31 D42 D50 D84 F34; R00811  
G1989 G1978 D01 D11 D10 D50 D69 D82 CI 7A; A999 A475

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1512-S; 1514-S; 1655-S; 1704-S; 1713-S

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